

New Mexico- Clovis Field Office
FY 2005 Ranking Criteria Worksheet - Irrigated Cropland
Ground and Surface Water

Applicant: Date: Total Points: 0
 Farm No.: Tract No.: CMS Field No's.

1. Water Quantity - 100 Potential Points (25% of Total)

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
1-20%			1 - 20		
21-30%			21 - 30		
31-40%			31 - 40		
41-50%			41 - 50		
51-60%			51 - 60		
61-70%			61 - 70		
71-80%			71 - 80		
>80%			80 - 100		
1. Water Quantity			Total	0	

2. Water Quality - 85 Potential Points (21% of Total)

A. Surface Water Pollutants -40 Points Maximum

There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.

Distance of Surface runoff to Live Water	Points	Benchmark	After
<100 Ft.	40		
101 - 500 Ft.	30		
501 - 1,320 Ft.	20		
1,320 - 2,640 Ft.	10		
>2,640 Ft.	0		
A. Surface Water		Total	0

B. Ground Water Pollutants - 45 Points Maximum

There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or

Depth to Water Table	Points	Benchmark	After
1 - 10 Ft or elimination of any direct discharge into ground water.	45		
10 - 50 Ft.	35		
50 -100 Ft.	25		
>100 Ft.	0		
B. Ground Water		Total	0

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3. Selected Conservation Practice(s) - 170 Potential Points (43% of Total)

	Potential Points	% of Need to be Installed	Points
Soil Erosion: Wind			
Range Planting (550)	5		
Field Borders (Buffer Strip) (386)	5		
Water Quality: Pesticides & Nutrients in Groundwater			
Chemigation Valve (442)	15		
Water Quantity: Inefficient Use on Irrigated Land			
Irrigation Water Conveyance, Pipeline (430-EE)	15		
Flowmeter (587)	15		
Computer Panels (442)	15		
Drip Tape/LEPA (442)	40		
LESA (442)	20		
Water Quantity: Aquifer Overdraft			
Irrigation Water Management, Convert to permanent vegetation 2 gpm/ac. Incentive Payment of \$100/acre	170**		
Irrigation Water Management, Convert to Dryland Farming 3 gpm/ac. Incentive Payment of \$50/acre.	160**		
Irrigation Water Management, Net Water Savings in Acre Inches Per acre 4gpm/ac. Incentive Payment of \$8 acre inches saved, not to exceed 12 acre inches.	45		
Animals Wildlife: Inadequate Cover/Shelter			
Range Planting (550), multiple species with shrubs	10		
3. Selected Conservation Practices	Total		0

4. Other Considerations - 43 Potential Points (11% of Total)

	Potential Points	Benchmark	After Points
A. At risk species are in the area and the contract will enhance habitat for the species. <i>Lesser Prairie Chicken</i> .	20	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10	0	
C. Treatment of this land could enhance the benefits of an active sec. 319 project.	8	0	
D. This land is within a proposed sec. 319 project.	5	0	
4. Other Considerations	Total		0

****Land eligibility - Acres considered for incentive payment must have been irrigated 2 of the last 3 years (based on FSA certification). Wells will be metered by NRCS personnel to determine production. Ties will be broken by water saved - total GPM of wells/number of wells.**

Producer _____ Date _____

Designated Conservationist _____ Date _____